

*D⁺
Concl'd*

49. (New) A bell crank mounting assembly for a bicycle hub transmission comprising:
a motor mounting bracket portion;
a motor mounted to the motor mounting bracket portion;
a transition bracket portion extending downwardly from the motor mounting bracket portion;
a rear frame mounting bracket portion extending from the transition bracket portion;
wherein the transition bracket portion is inclined relative to one of the motor mounting
bracket portion and the rear frame mounting bracket portion; and
a bell crank mounting member disposed on one of the transition bracket portion and the rear
frame mounting bracket portion and extending in a lateral direction.

REMARKS

Claims 10, 12-19 and 22-47 are pending. Claims 1-9, 11 and 20-21 have been canceled.
Claims 48 and 49 have been added.

Attached hereto is a marked-up version of the changes made to the application by the current amendment. The attached page is captioned "VERSION OF AMENDMENTS WITH MARKINGS TO SHOW CHANGES MADE."

The applicant appreciates the allowance of claims 16, 17, 19, 27, 28 and 30-43, and the indicated allowability of claim 26 if claim 26 were amended to be in independent form. Claim 26 has been amended as indicated, so it is believed that claim 26 now is allowable as well.

Claim 21 has been canceled to avoid any duplication with claim 12.

Claims 10, 12-15, 18, 21-25, 29 and 44-46 were rejected under 35 U.S.C. §102(e) as being anticipated by Pei, et al (US 6,257,533). This basis for rejection is respectfully traversed.

Independent claims 10, 12 and 44 have been amended to clarify that the bell crank mounting member (claim 10) or first mounting ear (claims 12 and 44) are elongated in a lateral direction. The structures (38) in Pei, et al are not elongated in the lateral direction.

Claims 10, 14, 15, 18, 44 and 47 were rejected under 35 U.S.C. §102(e) as being anticipated by Swenson (US 3,184,993). This basis for rejection is respectfully traversed.

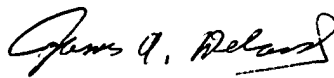
Independent claims 10, 44 and 47 have been amended to include a front frame mounting bracket portion extending from the motor mounting bracket portion. Swensen neither discloses nor suggests such a structure.

Claims 45 and 46 were rejected under 35 U.S.C. §103(a) as being unpatentable over Swenson. This basis for rejection is respectfully traversed.

While it has been held that a mere duplication of parts involves only routine skill, such a rule applies when such a duplication results in a mere redundancy of components. In this case, the second mounting ear provides a second support which can be used to eliminate cantilever forces that may result from using only one mounting ear.

Accordingly, it is believed that the rejections under 35 USC §102 and §103 have been overcome by the foregoing amendment and remarks, and it is submitted that the claims are in condition for allowance. Reconsideration of this application as amended is respectfully requested. Allowance of all claims is earnestly solicited.

Respectfully submitted,



James A. Deland
Reg. No. 31,242

DELAND LAW OFFICE
P.O. Box 69
Klamath River, California 96050
(530) 465-2430

VERSION OF AMENDMENTS WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

Claims 10, 12, 22, 26, 44 and 47 have been amended as follows:

10. (Four Times Amended) A bell crank mounting bracket for a bicycle hub transmission comprising:

a motor mounting bracket portion;

a front frame mounting bracket portion extending from the motor mounting bracket portion;

a transition bracket portion extending downwardly from the motor mounting bracket portion;

a rear frame mounting bracket portion extending from the transition bracket portion;

wherein the transition bracket portion is inclined relative to one of the motor mounting bracket portion and the rear frame mounting bracket portion; and

a bell crank mounting member disposed on one of the transition bracket portion and the rear frame mounting bracket portion and extending in a lateral direction so that the bell crank mounting member is elongated in the lateral direction.

12. (Four Times Amended) A bell crank mounting bracket for a bicycle hub transmission comprising:

a motor mounting bracket portion;

a transition bracket portion extending downwardly from the motor mounting bracket portion;

a rear frame mounting bracket portion extending from the transition bracket portion;

wherein the transition bracket portion is inclined relative to one of the motor mounting bracket portion and the rear frame mounting bracket portion;

[a bell crank mounting member disposed on one of the transition bracket portion and the rear frame mounting bracket portion;]

a front frame mounting bracket portion extending from the motor mounting bracket portion;

wherein the front frame mounting bracket portion extends downwardly from the motor mounting bracket portion; and

a first mounting ear projecting in a lateral direction from one of the transition bracket portion and the rear frame mounting bracket portion for mounting a bell crank thereto, wherein the first mounting ear is elongated in the lateral direction.

22. (Amended) The bracket according to claim [21 wherein the bell crank mounting member includes] 12 further comprising a second mounting ear projecting from the one of the transition bracket portion and the rear frame mounting bracket portion for mounting the bell crank thereto.

26. (Three Times Amended) A bell crank mounting bracket for a bicycle hub transmission comprising:

a motor mounting bracket portion;
a transition bracket portion extending downwardly from the motor mounting bracket portion;
a rear frame mounting bracket portion extending from the transition bracket portion;
wherein the transition bracket portion is inclined relative to one of the motor mounting bracket portion and the rear frame mounting bracket portion;
a front frame mounting bracket portion extending from the motor mounting bracket portion;
wherein the front frame mounting bracket portion extends downwardly from the motor mounting bracket portion;

a first mounting ear projecting in a lateral direction from one of the transition bracket portion and the rear frame mounting bracket portion for mounting a bell crank thereto;

[The bracket according to claim 25] wherein the motor mounting bracket portion has a surface facing upwardly, wherein the rear frame mounting bracket portion includes a surface having an opening therein for receiving an axle therethrough, and wherein the surface of the rear frame mounting bracket portion having the opening therein faces laterally.

44. (Three Times Amended) A bell crank mounting bracket for a bicycle hub transmission comprising:

a motor mounting bracket portion;
a front frame mounting bracket portion extending from the motor mounting bracket portion;
a transition bracket portion extending from the motor mounting bracket portion;
a rear frame mounting bracket portion extending from the transition bracket portion;

wherein the transition bracket portion is inclined relative to one of the motor mounting bracket portion and the rear frame mounting bracket portion; and

a first mounting ear projecting in a lateral direction from one of the transition bracket portion and the rear frame mounting bracket portion for mounting a bell crank thereto, wherein the first mounting ear is elongated in the lateral direction.

47. (Three Times Amended) A bell crank mounting bracket for a bicycle hub transmission comprising:

a motor mounting bracket portion having a surface facing upwardly;

a front frame mounting bracket portion extending from the motor mounting bracket portion;

a transition bracket portion extending from the motor mounting bracket portion;

a rear frame mounting bracket portion extending from the transition bracket portion;

wherein the rear frame mounting bracket portion includes a surface having an opening therein for receiving an axle therethrough, and wherein the surface of the rear frame mounting bracket portion having the opening therein faces in a lateral direction;

wherein the transition bracket portion is inclined relative to one of the motor mounting bracket portion and the rear frame mounting bracket portion; and

a bell crank mounting member disposed on one of the transition bracket portion and the rear frame mounting bracket portion.